

Converting Colors

Hex(075888)

Have a look what the booklet for
Hex(075888) contains.

Hex(075888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(075888)

Conversions

Conversions Part 1

Format	Color
Hex	075888
RGB	7, 88, 136
RGB Percent	3%, 35%, 53%
CMY	0.9725, 0.6549, 0.4667
CMYK	0.95, 0.35, 0.00, 0.47
HSL	202°, 90%, 28%
HSV	202°, 95%, 53%
XYZ	8.0213, 8.8022, 24.5688
YIQ	69.2530, -63.6840, -2.2440

Conversions

Conversions Part 2

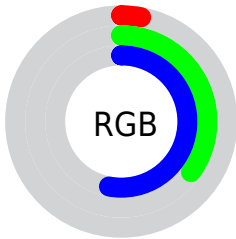
Format	Color
RYB	7, 57, 136
Decimal	481416
CIELab	35.60, -3.10, -32.79
CIELCh	36, 32.940, 264.600
Yxy	8.8022, 0.1938, 0.2127
Android (android.graphics.Color)	4278671496 (0xFF075888)
YUV	69.2530, 32.9063, -54.5959
Hunter-Lab	29.6685, -3.6599, -28.3307

Details

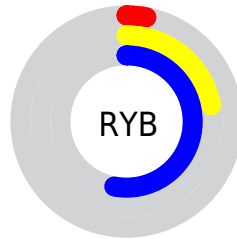
The Hex color **075888** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **883707**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **518ABE**, and **002B56** is the 20% darker color. If you saturate the color by 10%, you get **005588**, and if you desaturate by 10%, it is **155D88**.

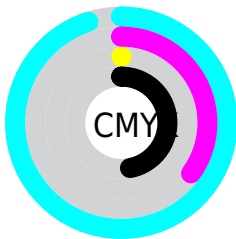
Distribution



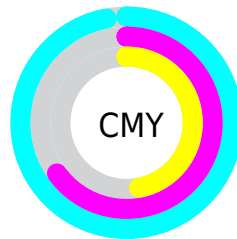
- Red (3%)
- Green (35%)
- Blue (53%)



- Red (3%)
- Yellow (22%)
- Blue (53%)



- Cyan (95%)
- Magenta (35%)
- Yellow (0%)
- Black (47%)



- Cyan (97%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 075888 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 075888 by changing the saturation by 10% instead.

075888

075888

FFFFFF

00416E

518ABE

002B56

6EA4DA

00173E

8ABFF6

000328

A6DBFF

000112

C3F7FF

000000

E0FFFF

FEFFFF

075888

075888

■ 005588

■ 155D88

■ 226288

■ 306788

■ 3D6C88

■ 4B7188

■ 597688

■ 667B88

■ 748088

■ 818688

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005E7E



075888



4D4F84

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



075888



843F3F



2D5E34

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



075888



883707

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4D5921



075888



7A4729

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



075888



813D5A



67511D



00614E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



075888



664879



67511D



395D2D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



075888



7F9EB0



078836



3B4E59



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



075888



006EB0



071888



3E4245



005385



000305

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



880758



B0006E



887707



453E42



850053



050003

Previews

White Background



This preview shows how the Hex color 075888 looks on a white background.

Color Contrast Check

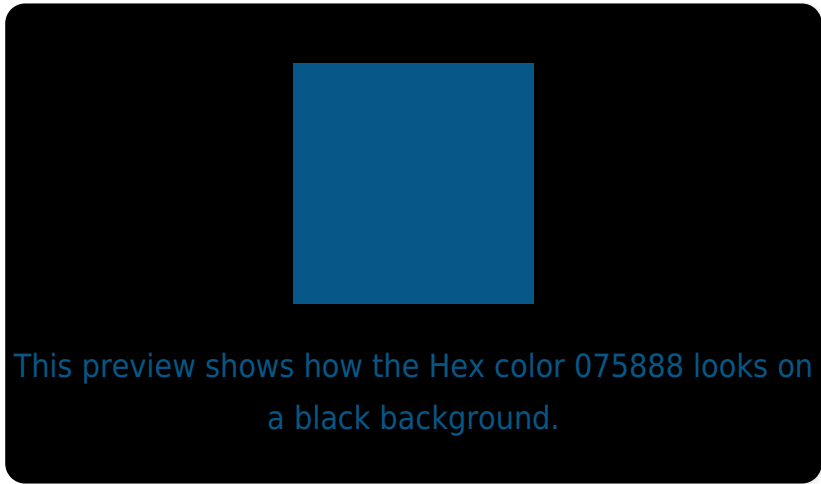
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

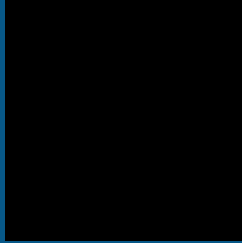
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 075888 Background



This preview shows how black text looks on a background with the Hex color 075888.




This preview shows how white text looks on a background with the Hex color 075888.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
005D64

Trichromacy



Original Color
075888

Protanomaly
2D5485

Deuteranomaly
225589

Tritanomaly
035B71

Monochromacy



Original Color
075888

Achromatopsia
454545

Achromatomaly
2E4C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 075888 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #075888 looks like.

```
.text, #text, p{  
    color:#075888  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #075888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #075888
}
```

Border

The CSS property to change the border of an element to Hex 075888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#075888 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#075888 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #075888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #075888; -webkit-box-shadow:4px 4px  
4px 4px #075888; box-shadow:4px 4px 4px  
4px #075888 }
```

Background

The CSS property to change the background color of an element to Hex 075888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#075888 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#075888 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor